

FIG. 1A

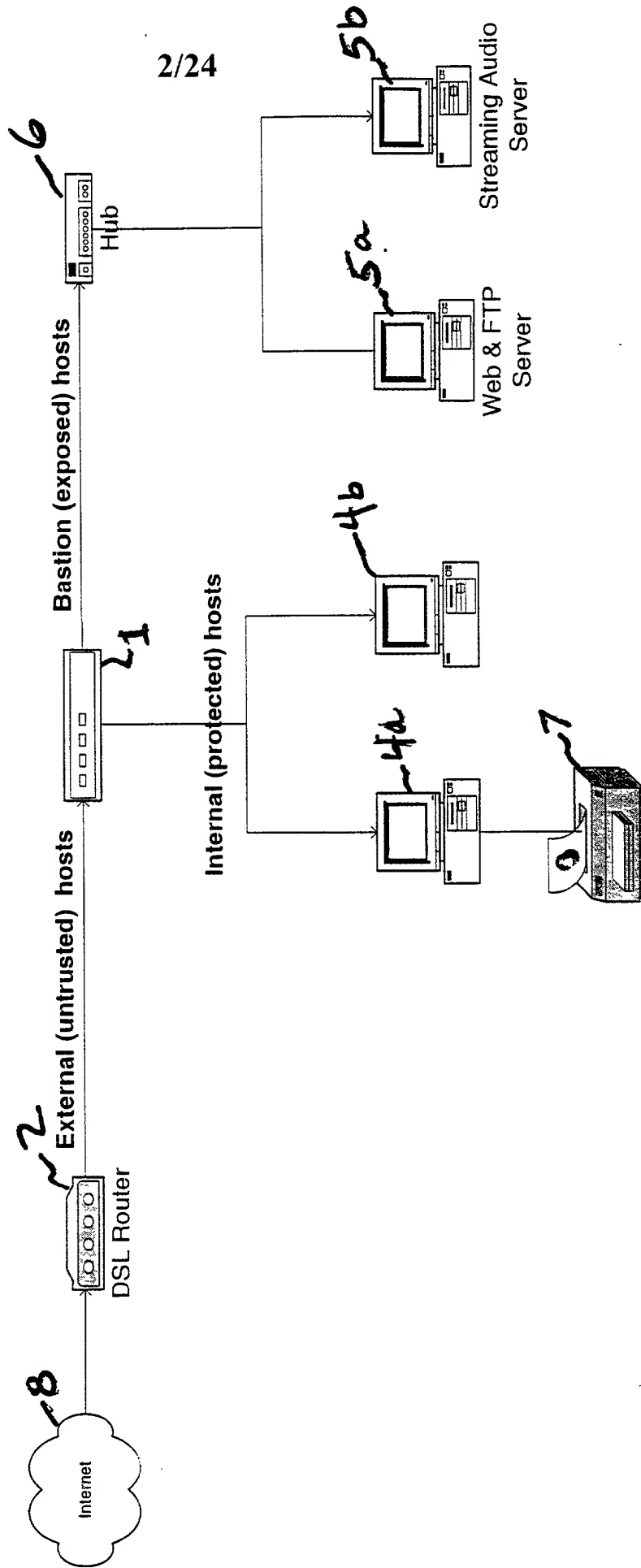


FIG. 1B

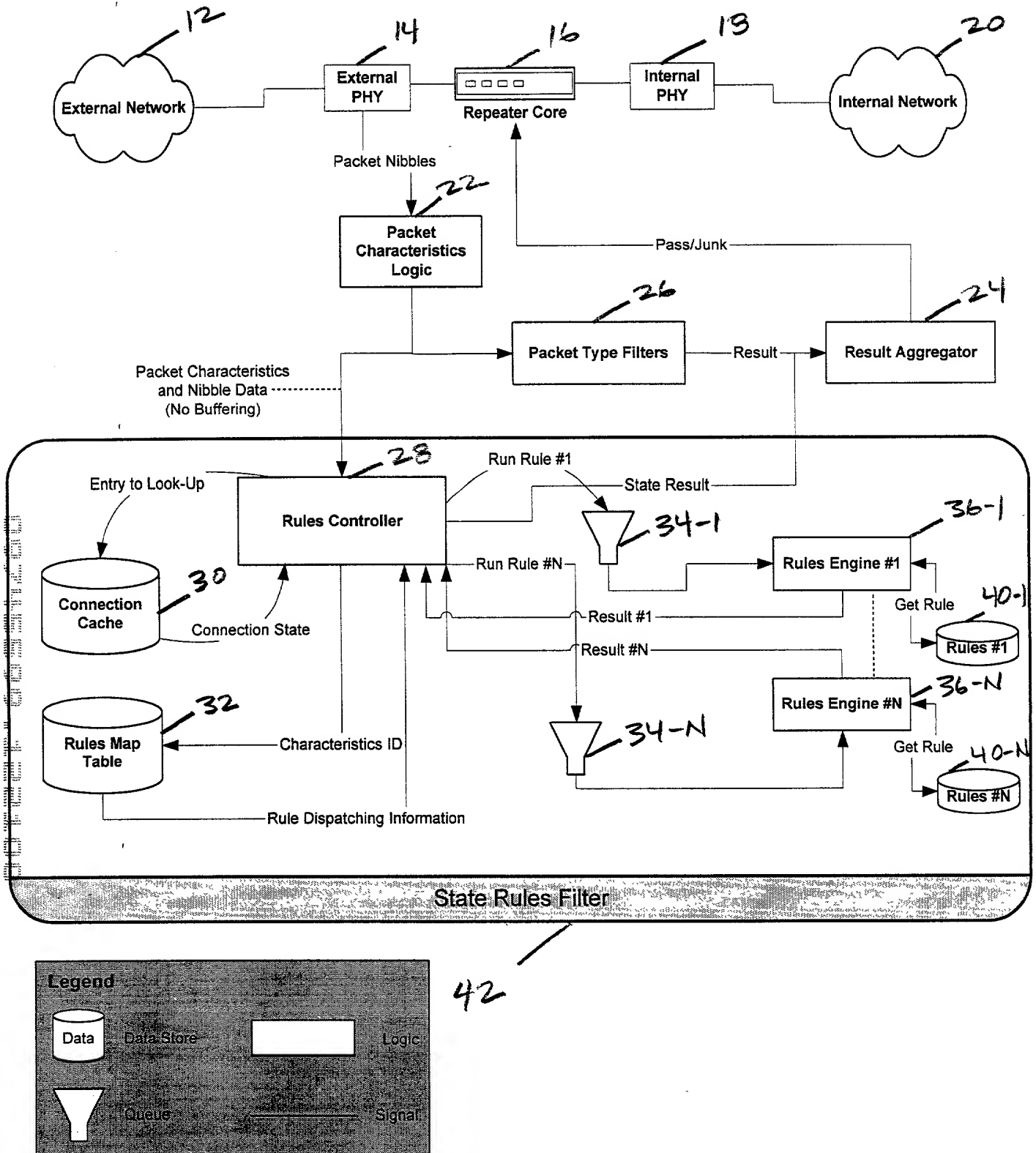


FIG. 2

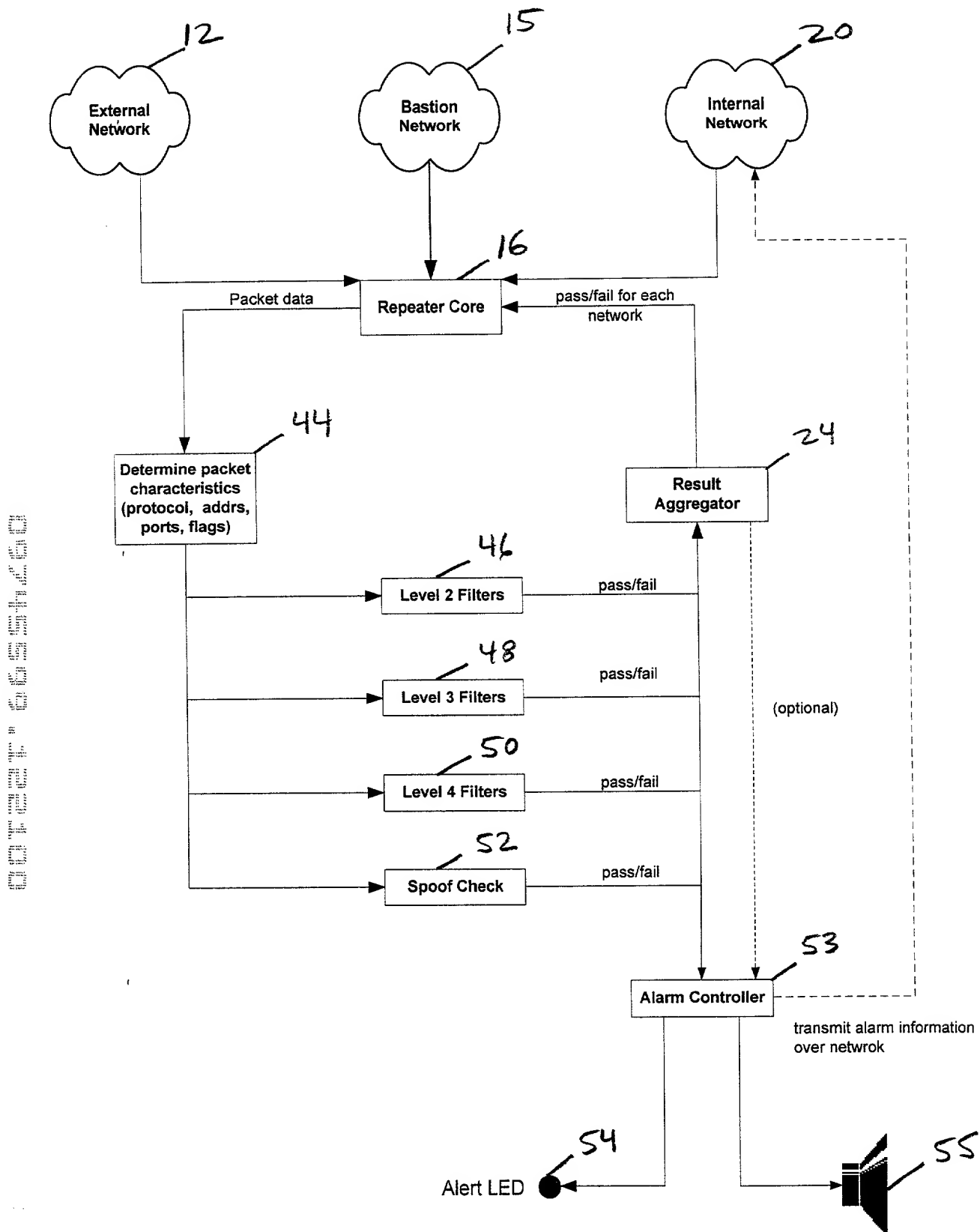


FIG. 3

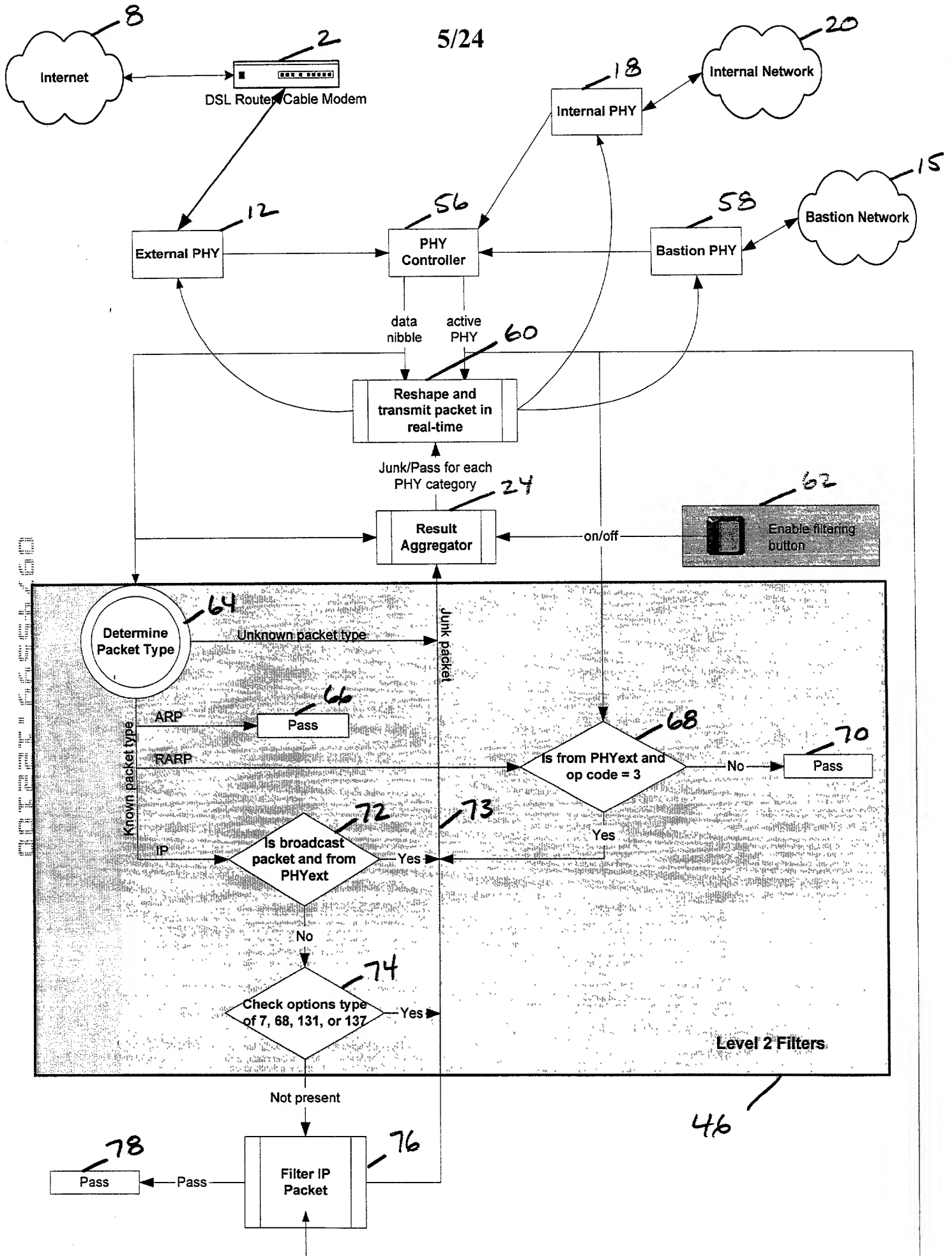


FIG. 4

FIG. 5

TCP and UDP packets are evaluated for pass or fail in parallel (other protocols also handled simultaneously)

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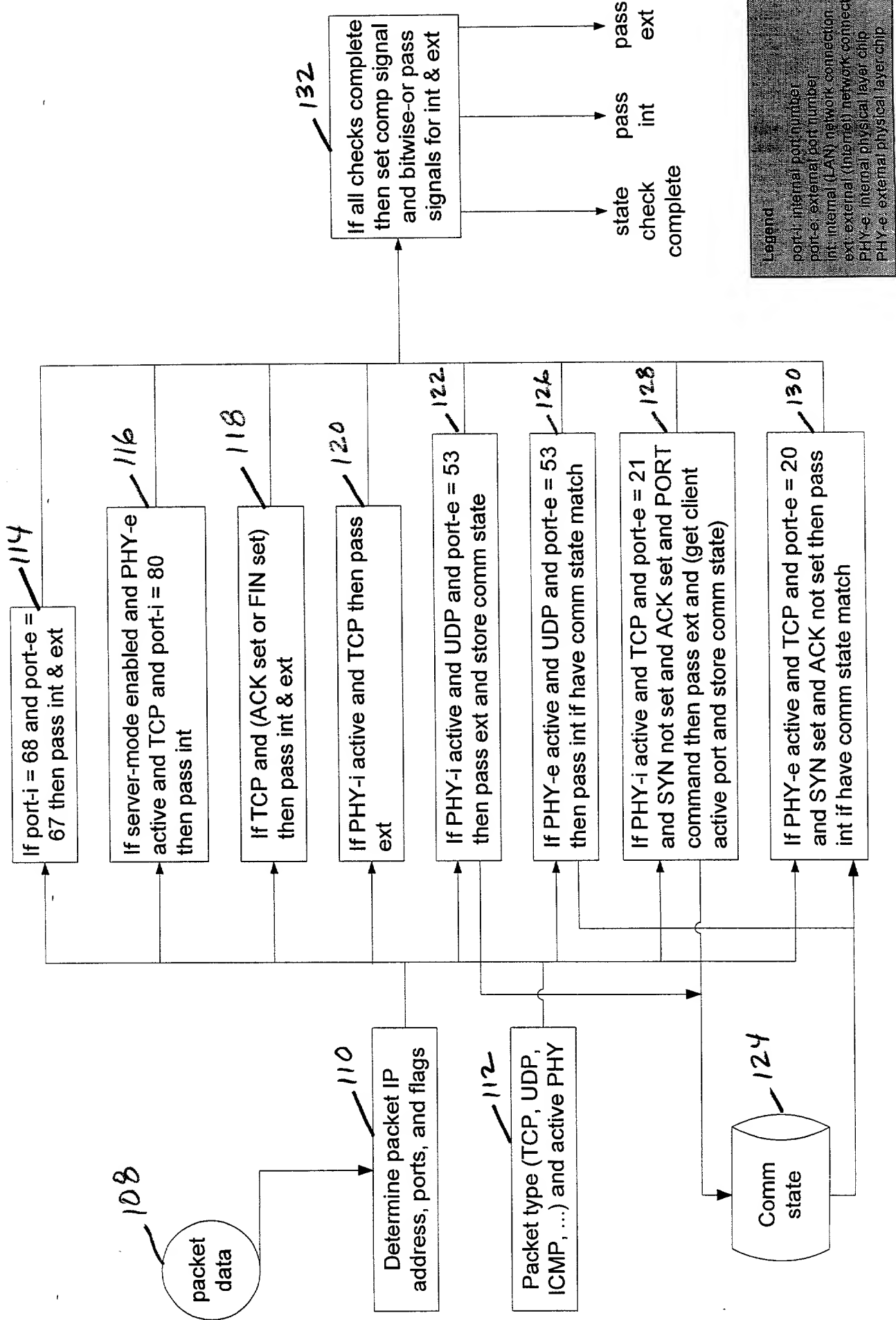


FIG. 6

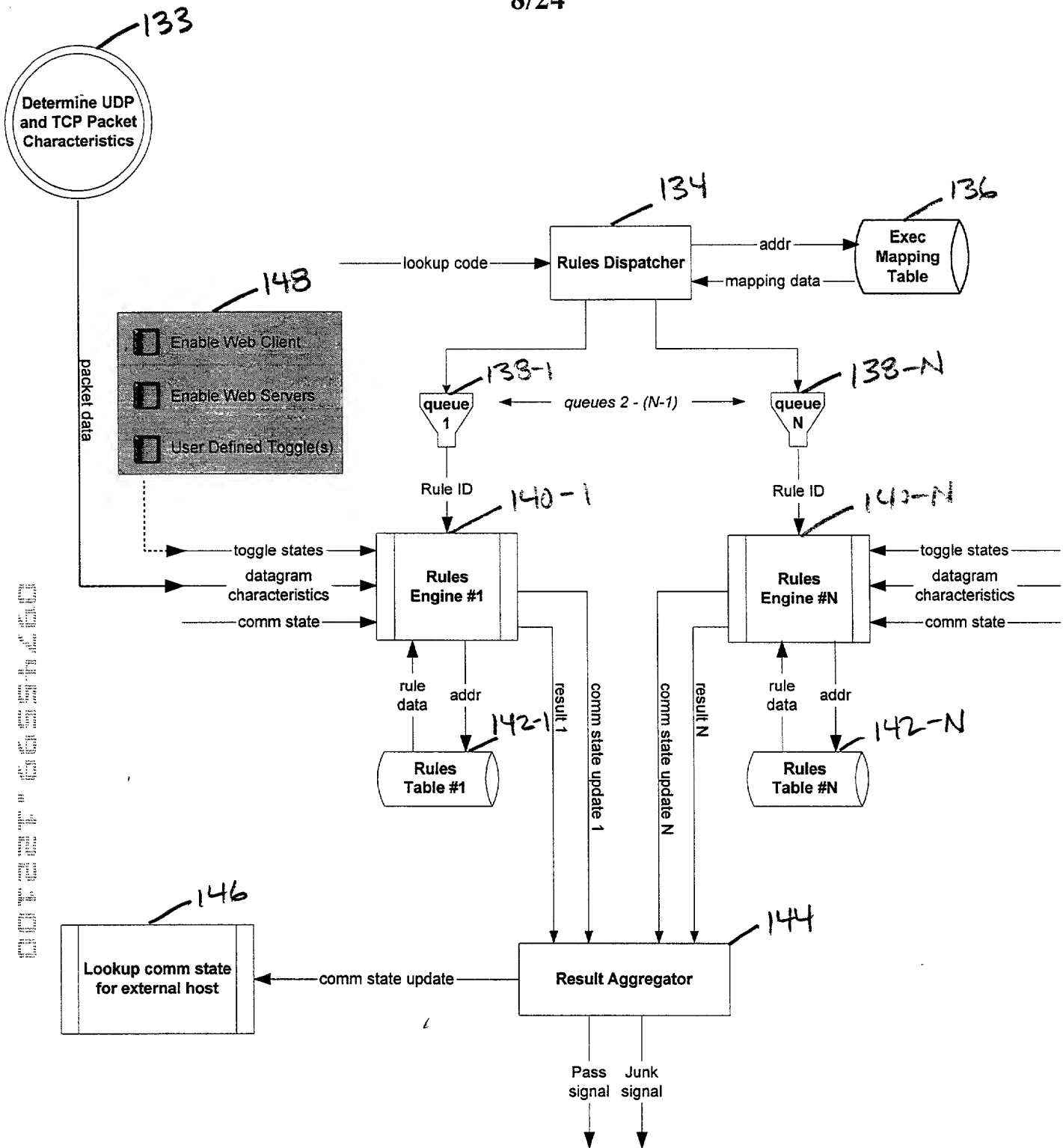


FIG. 7

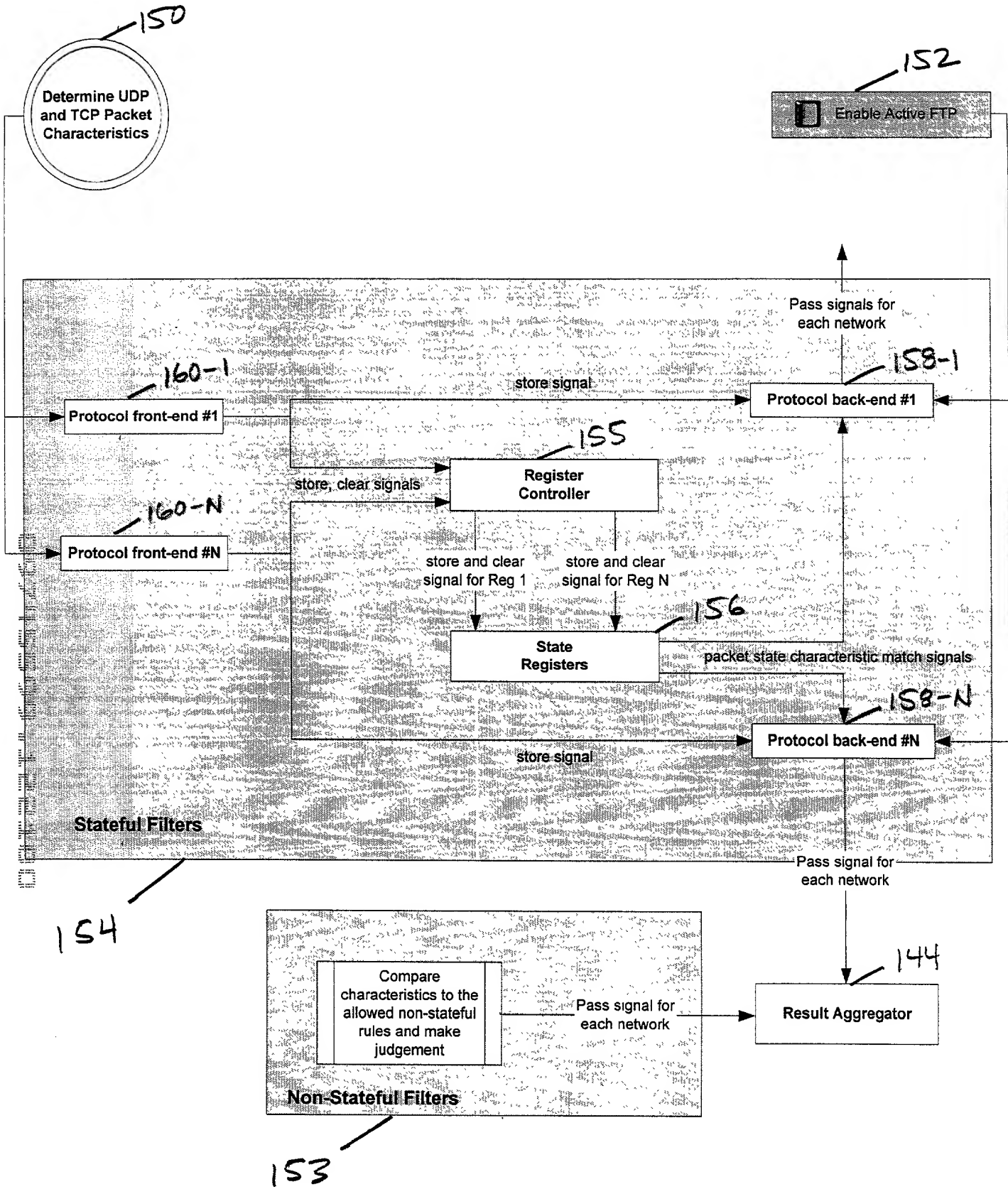


FIG. 8

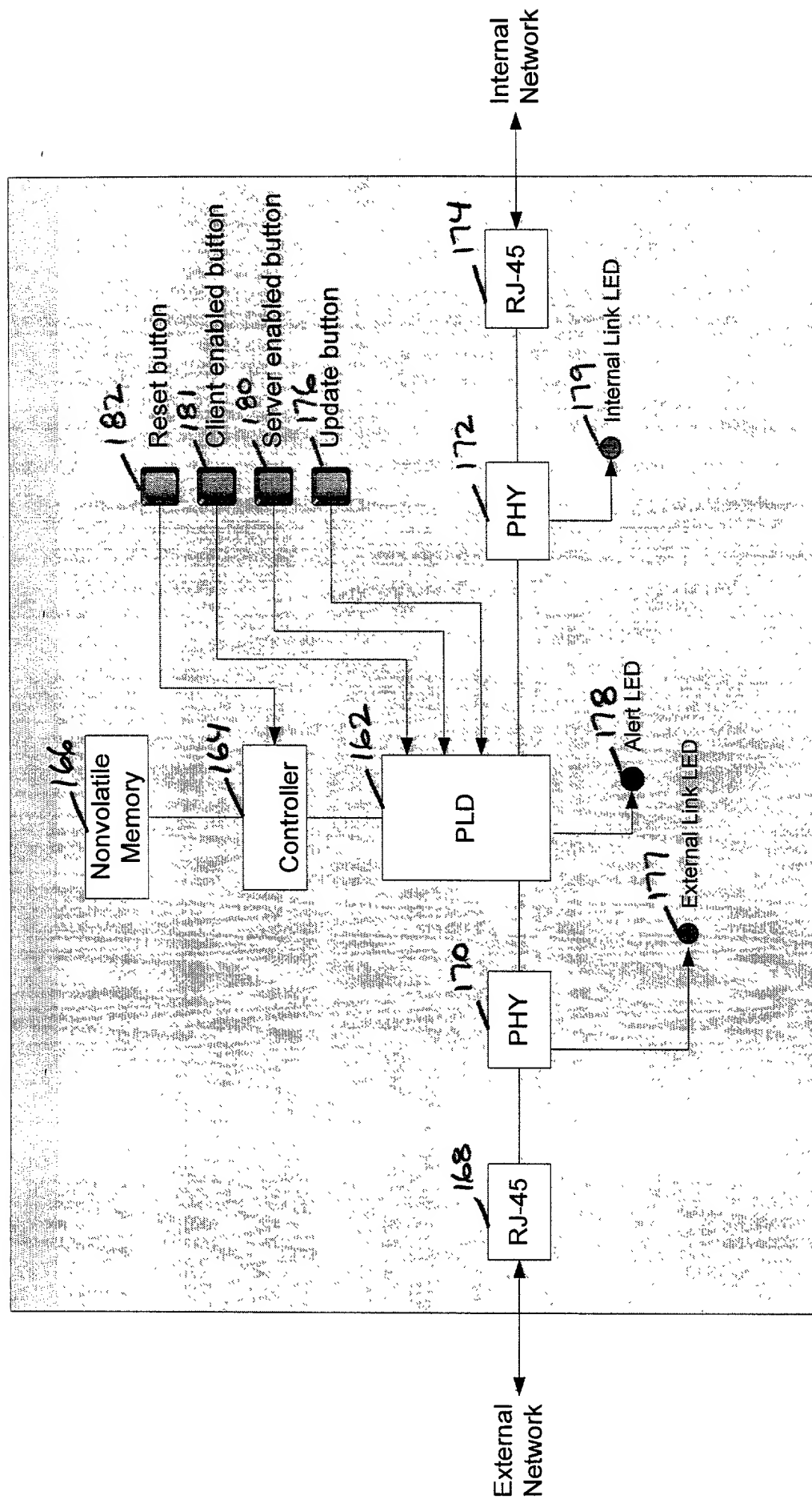


FIG. 9

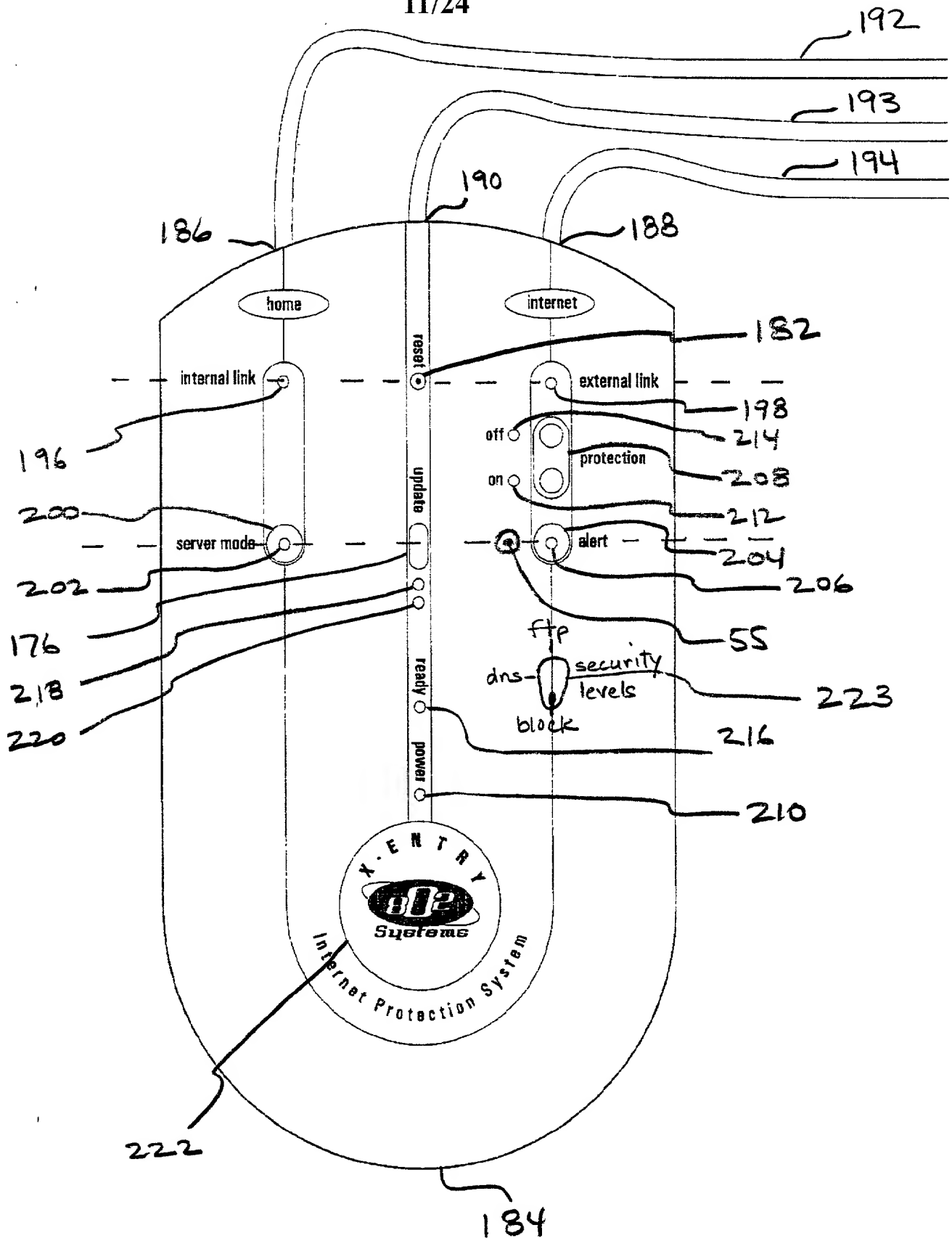


FIG.10

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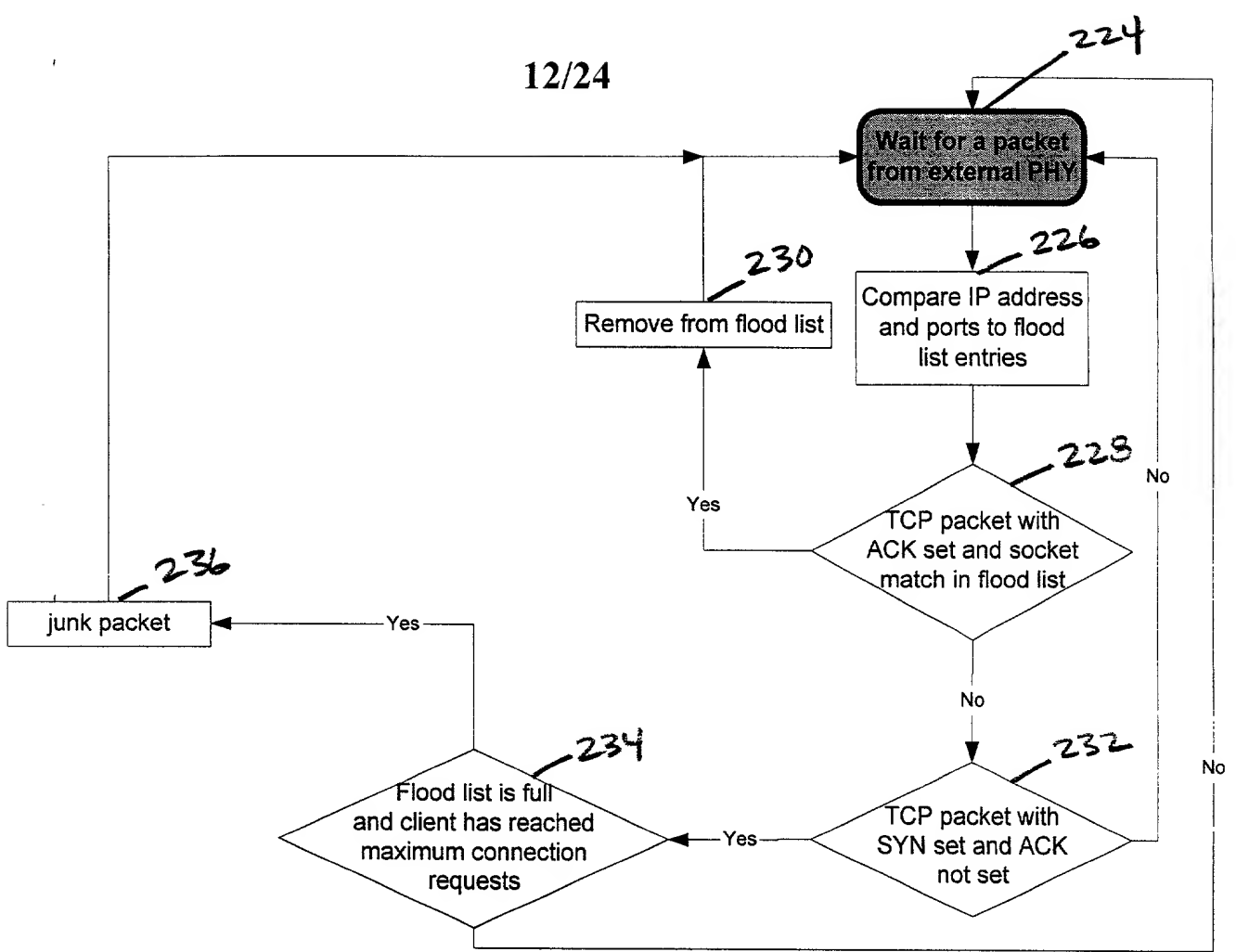


FIG. 11

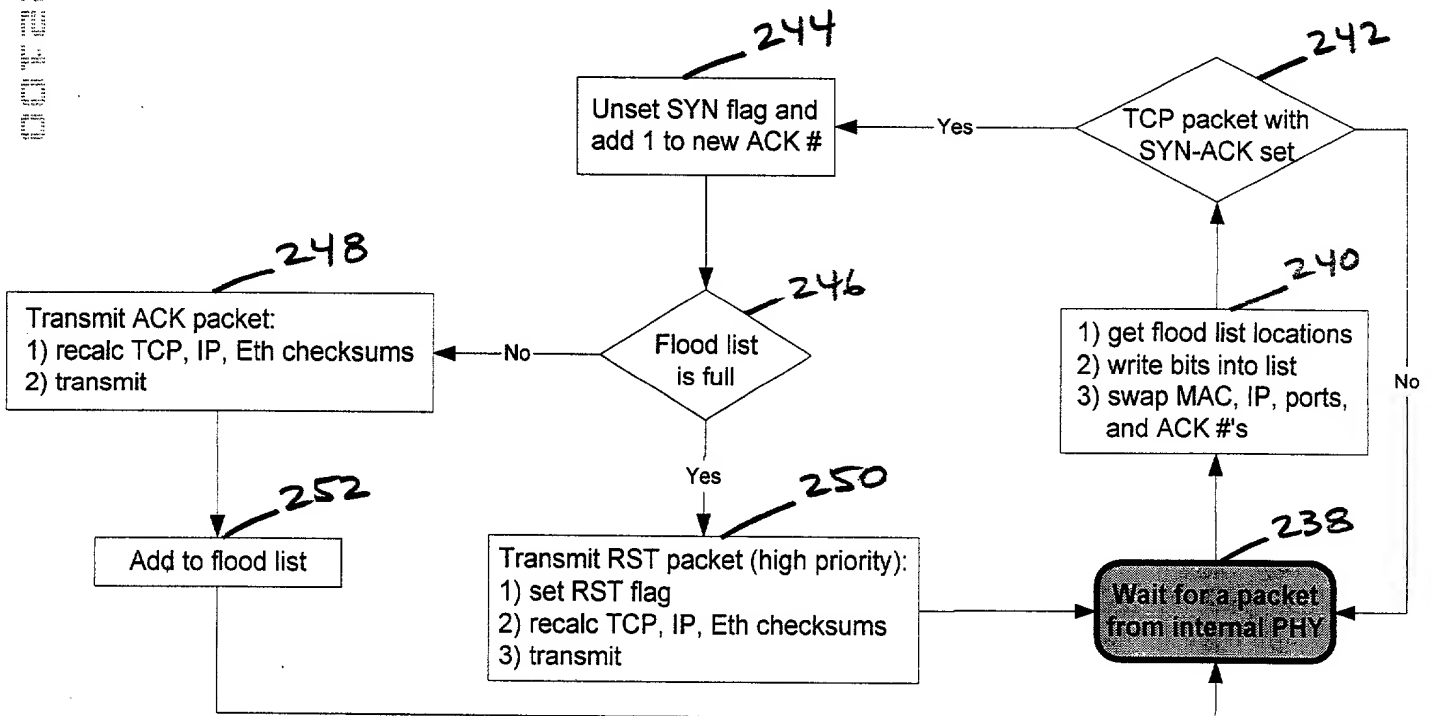


FIG. 12

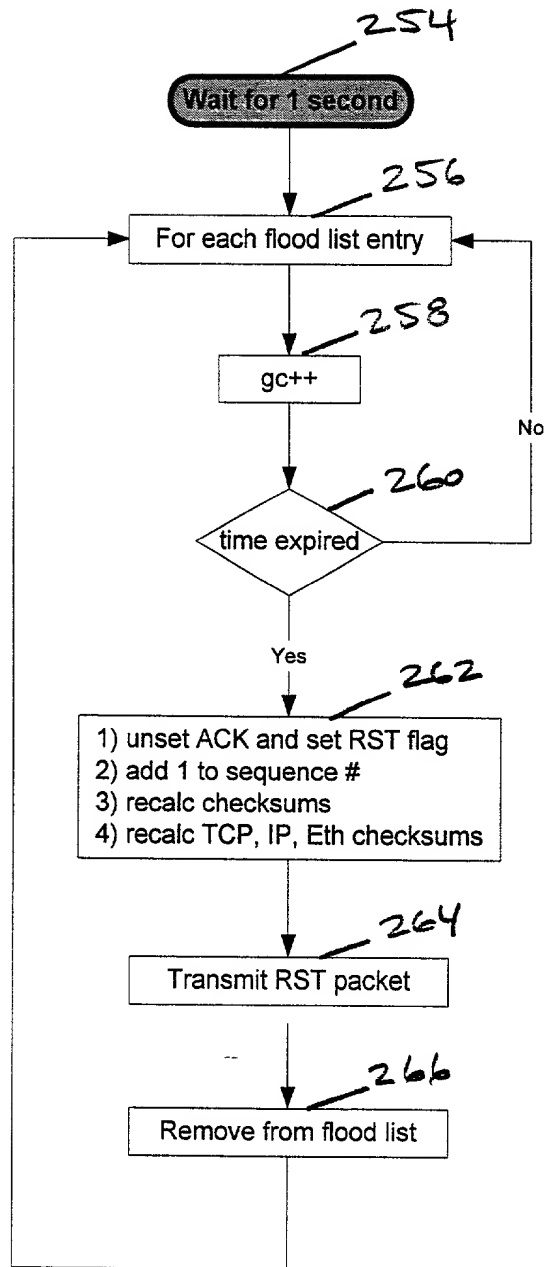


FIG. 13

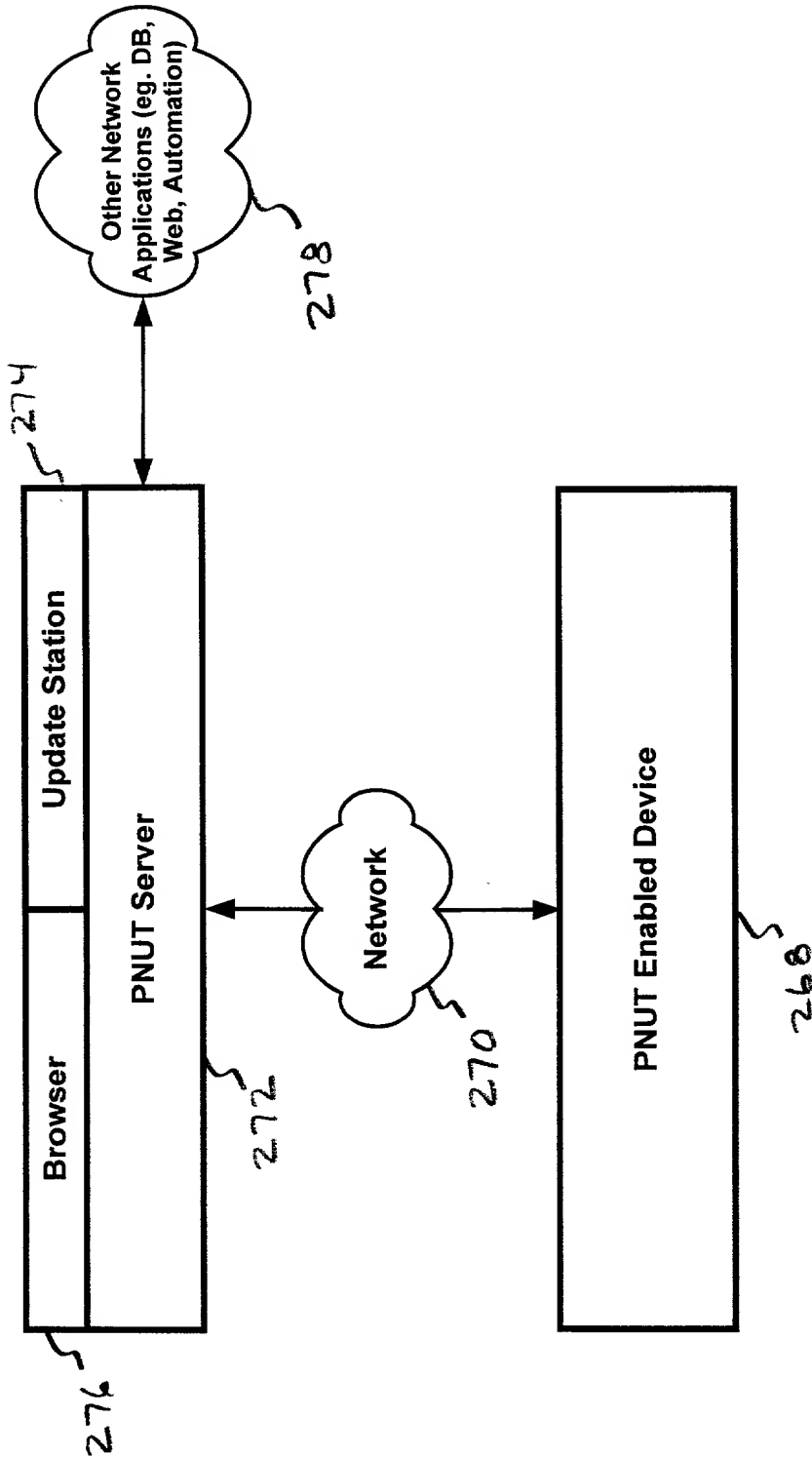


FIG. 14

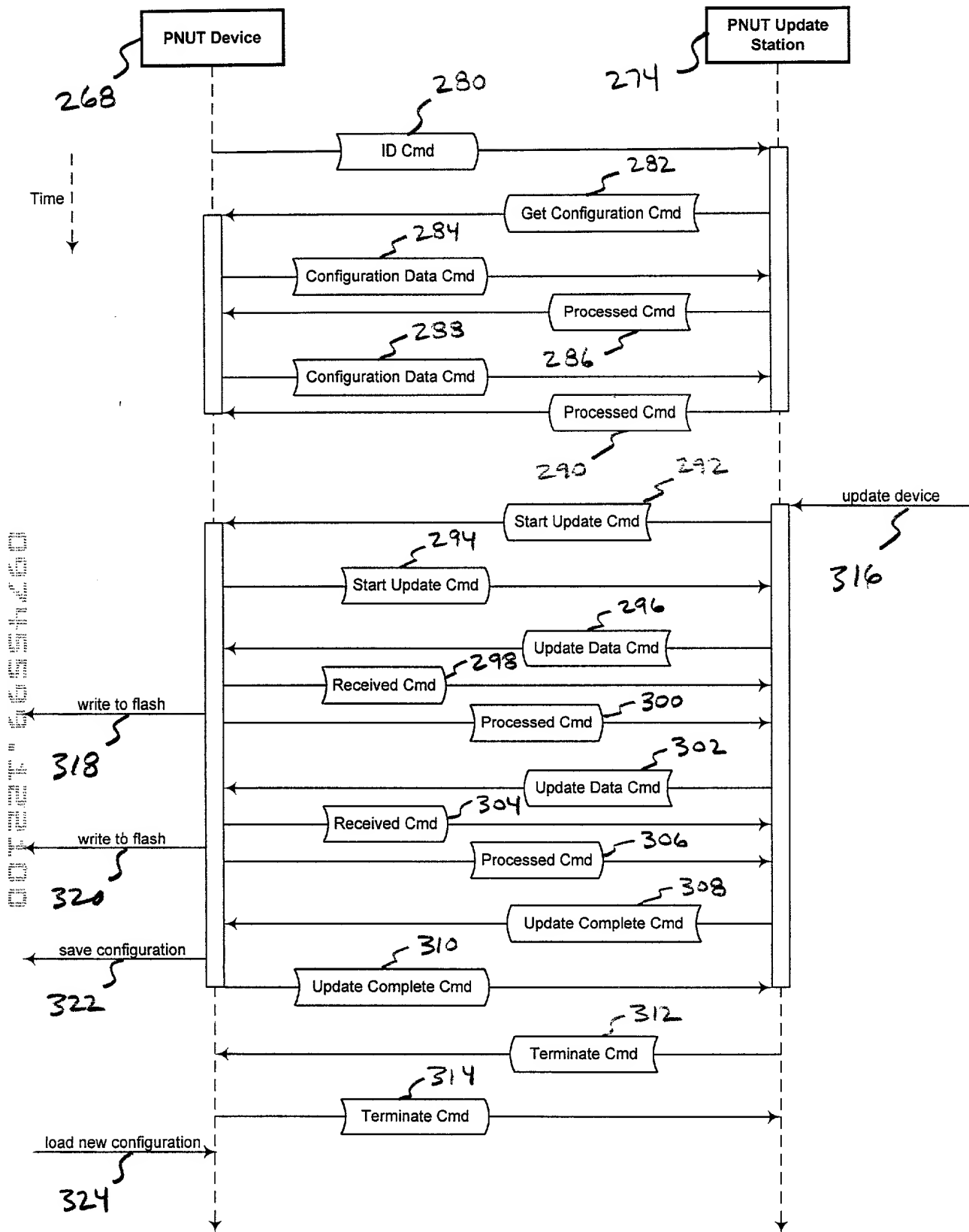


FIG. 15

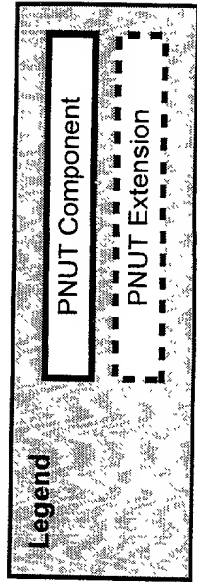
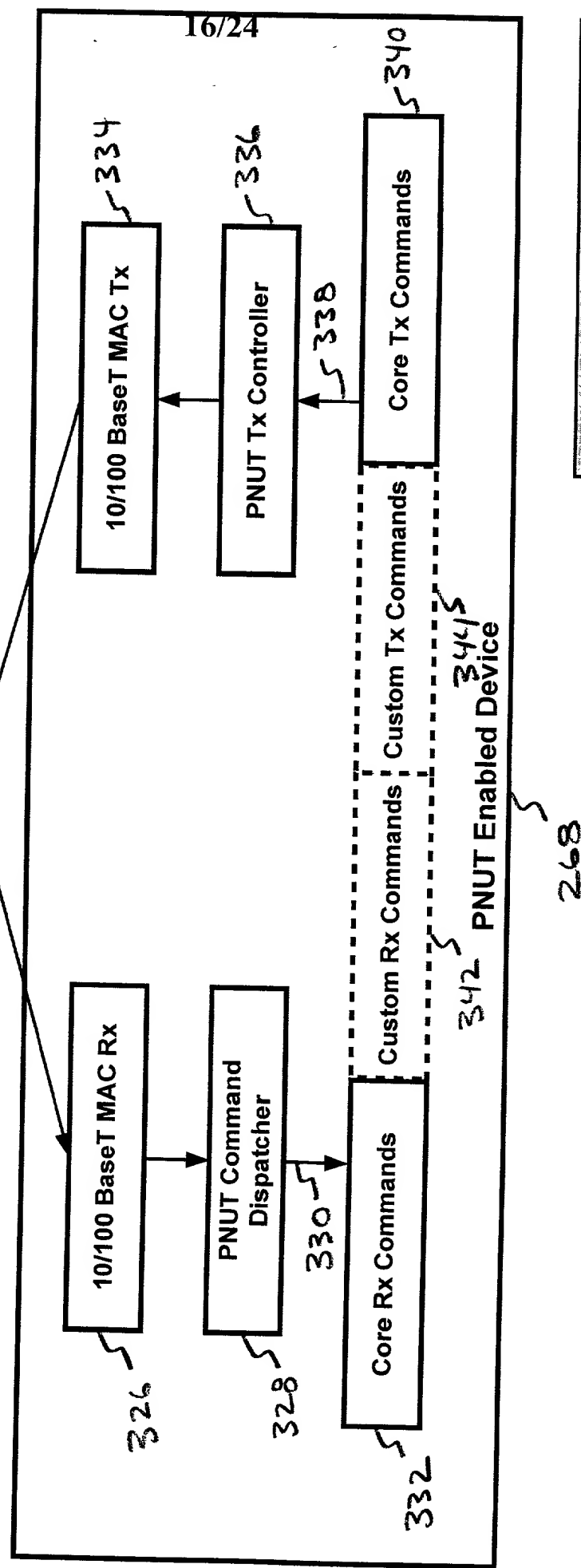
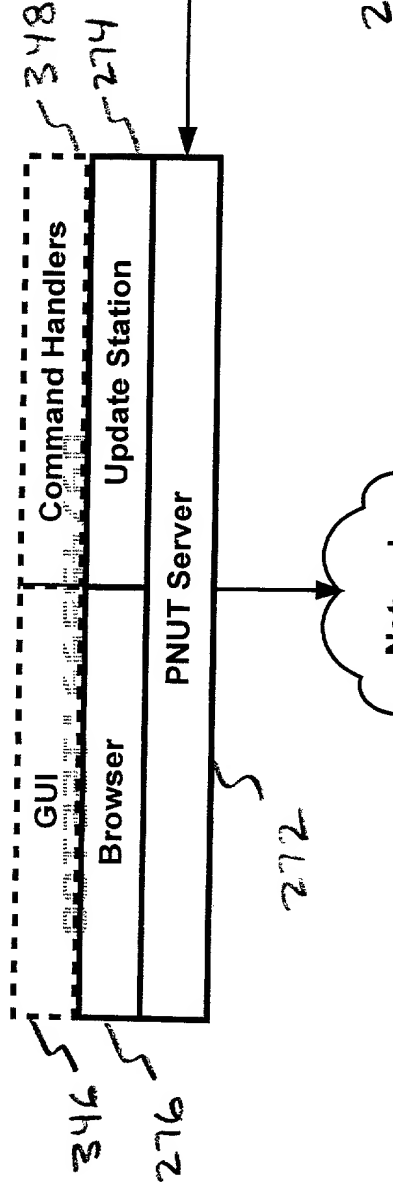


FIG. 16

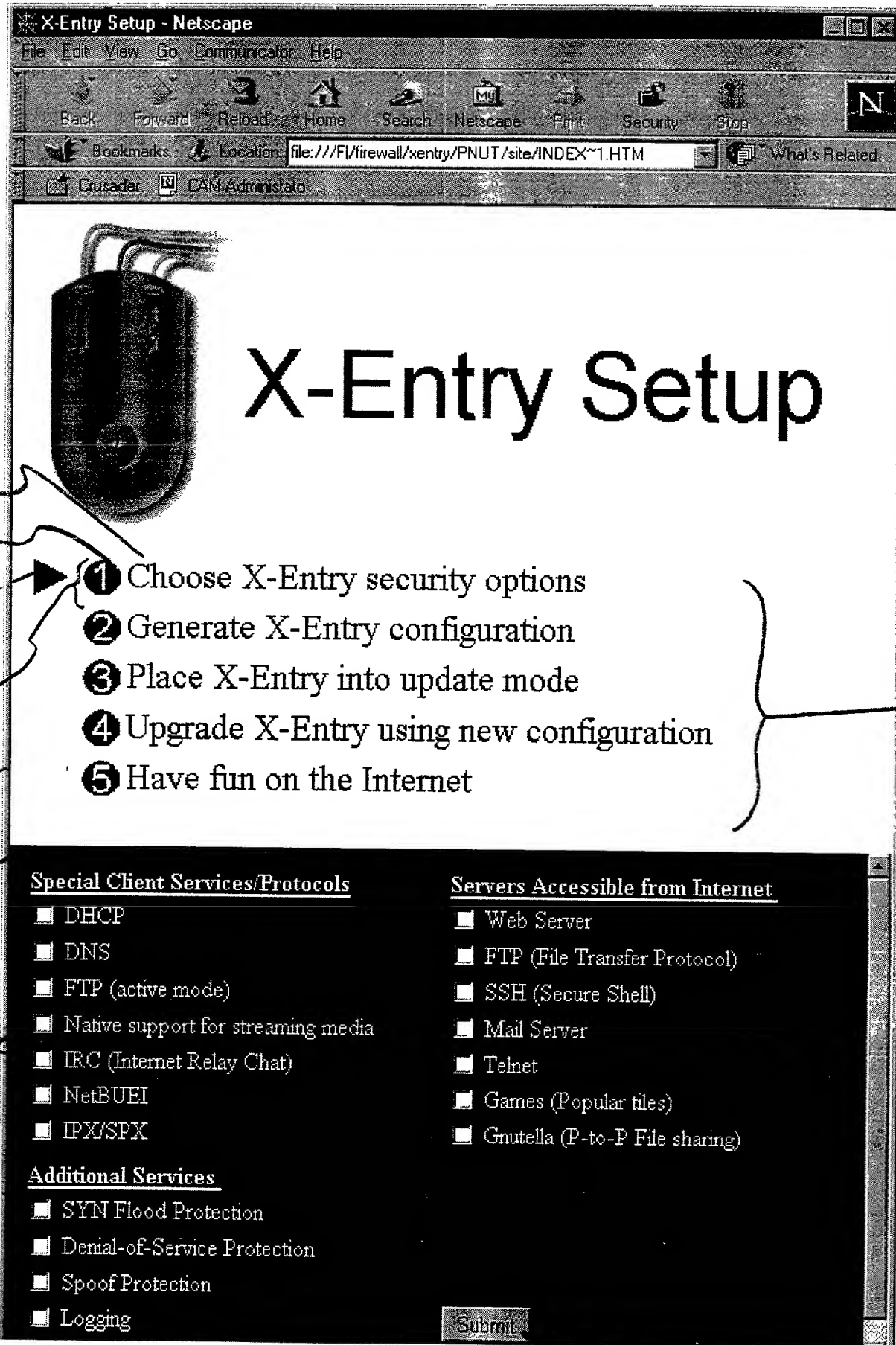


FIG. 18

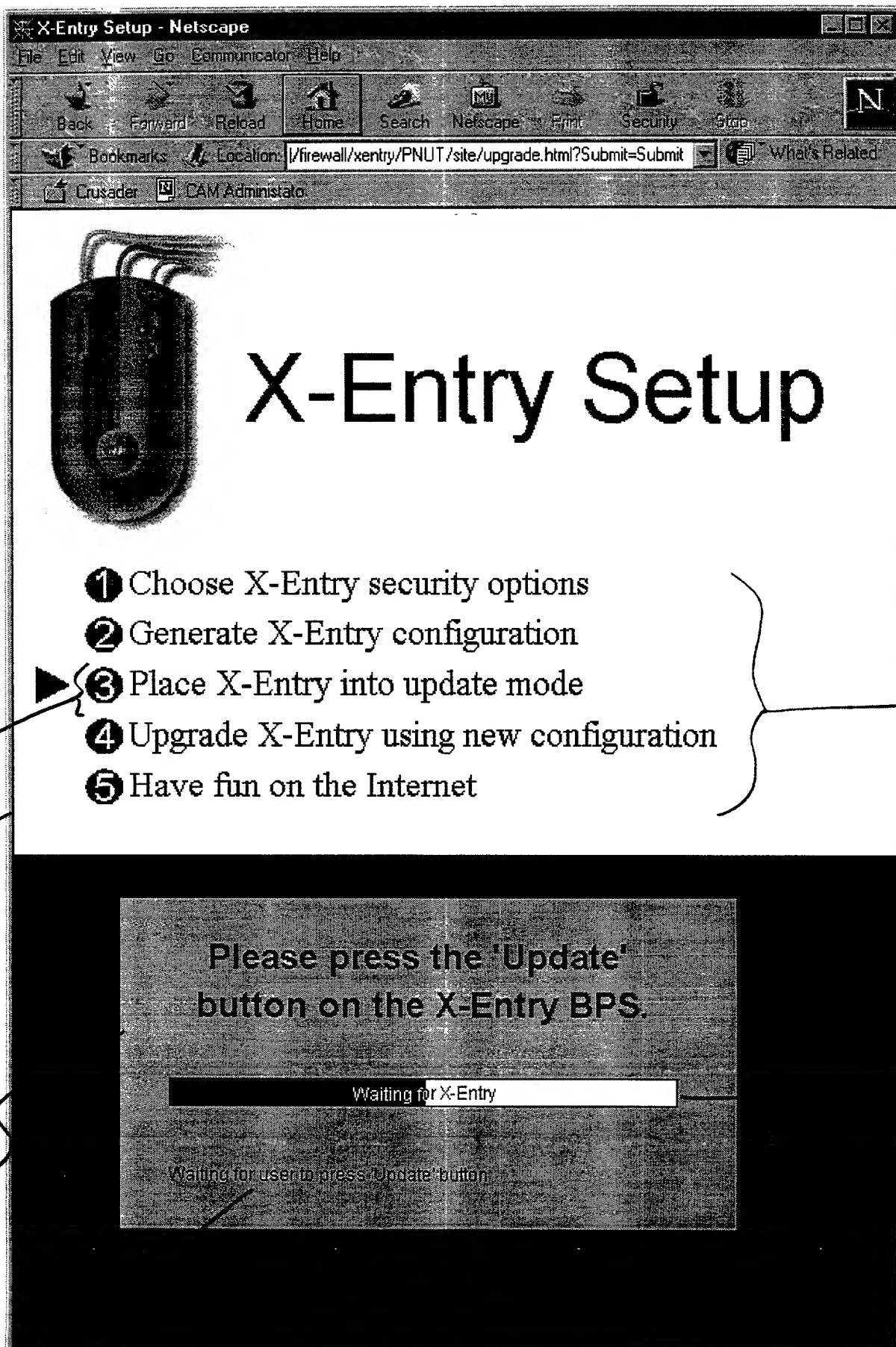
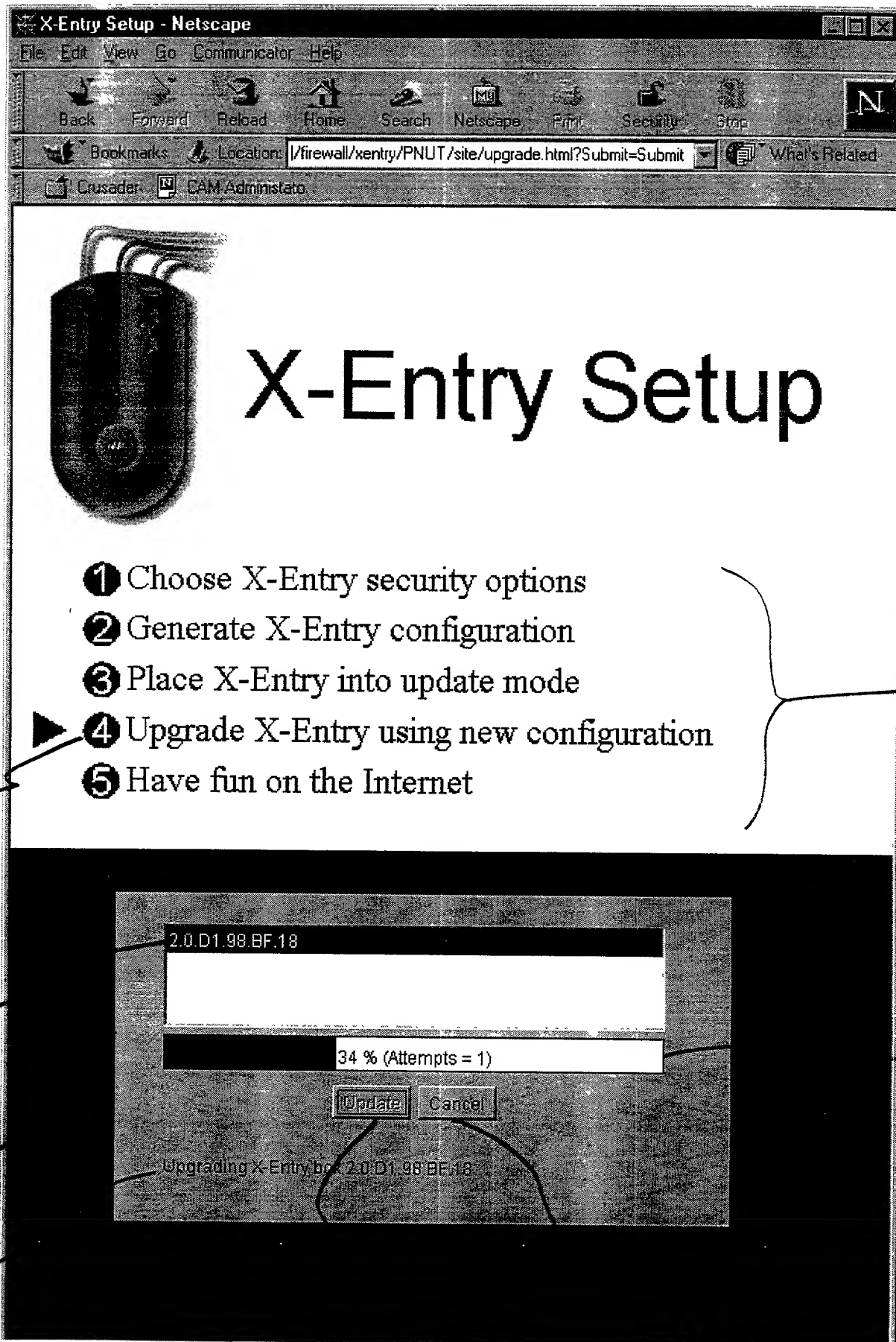


FIG. 19



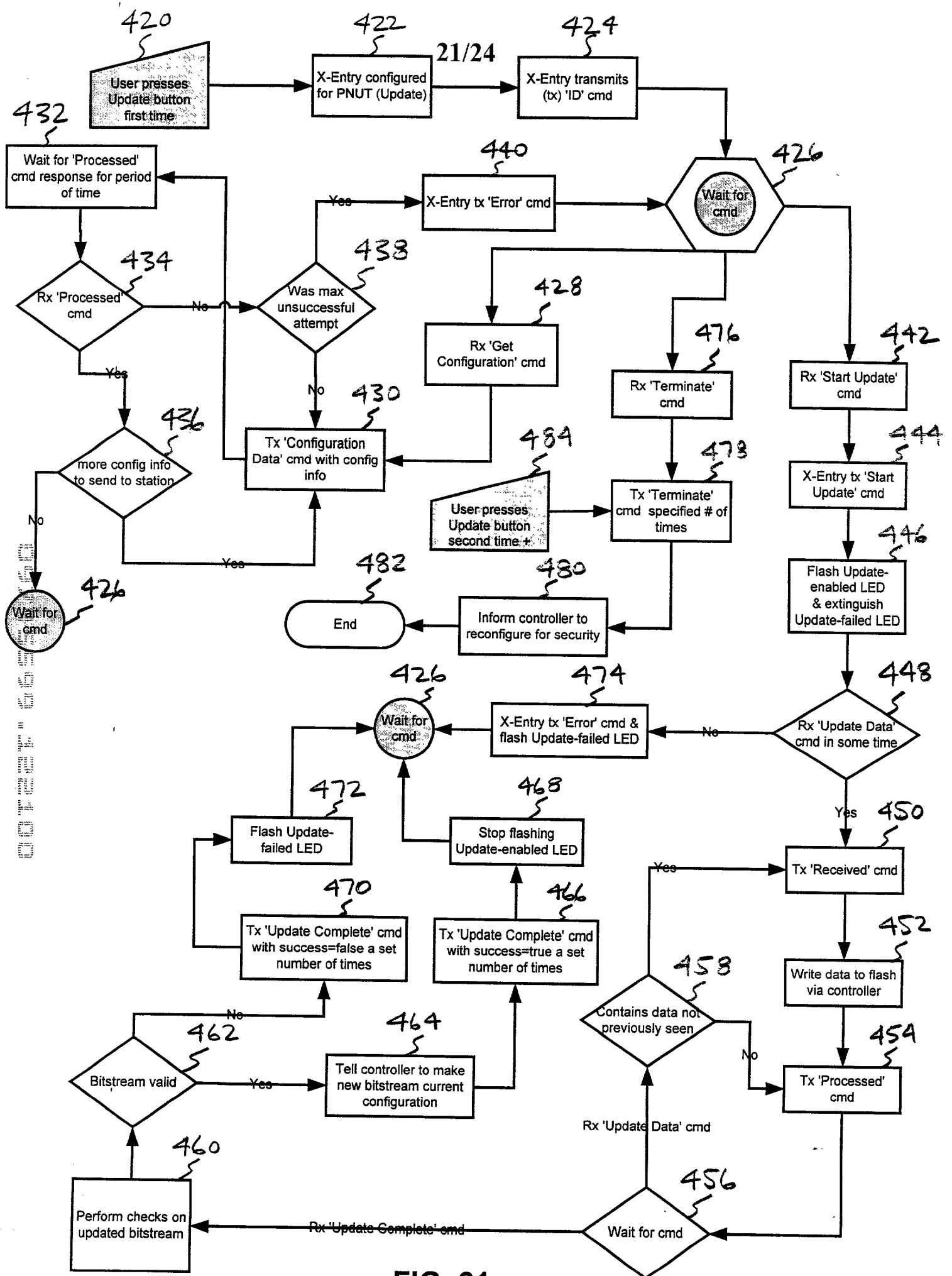


FIG. 21

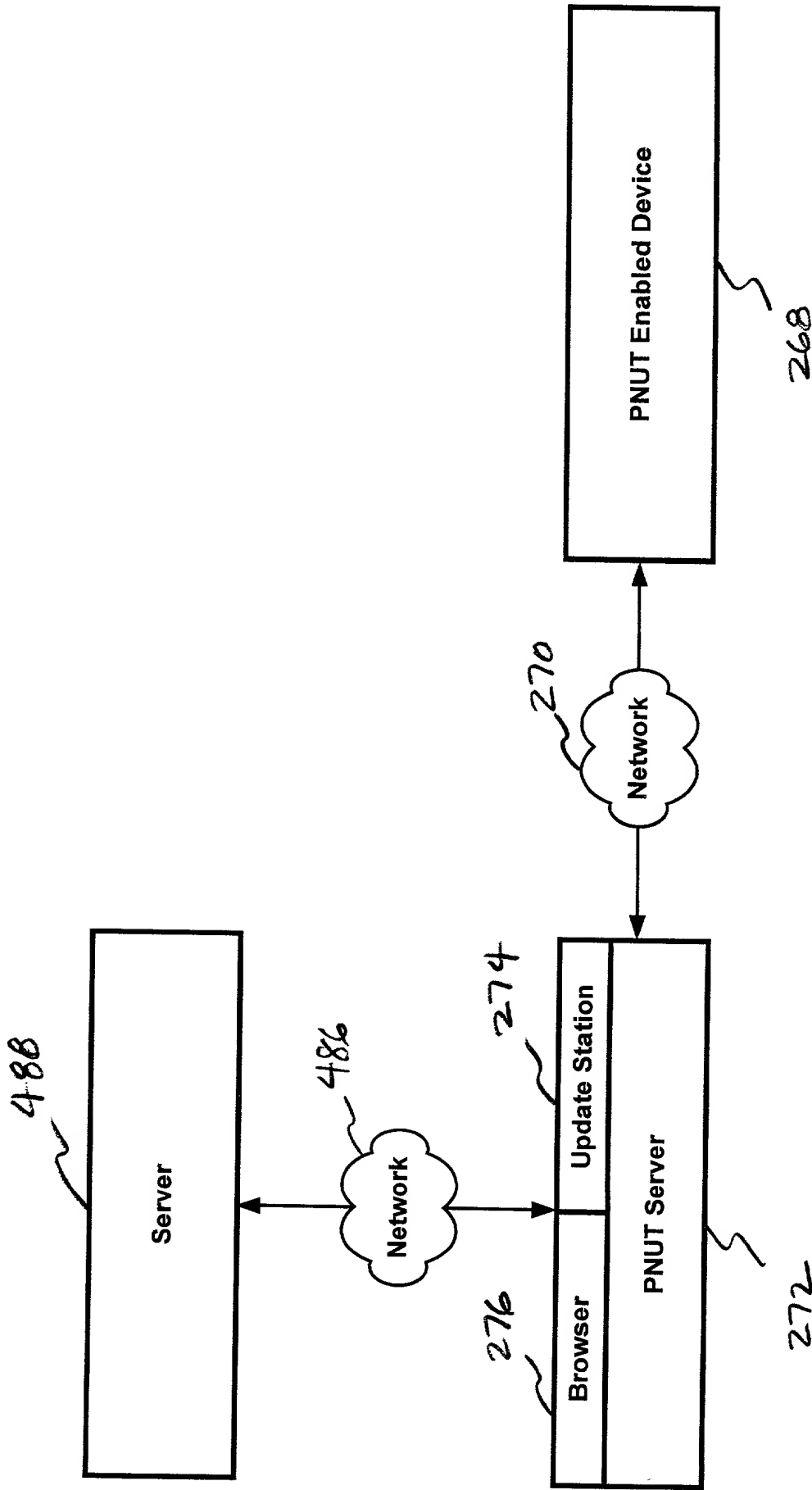


FIG. 22

```

<?xml version="1.0" encoding="UTF-8" ?>
- <formats>
494 - <msg id="128" name="UPDATE_START_CMD">
    <desc>Start Pnut update</desc>
    <byte name="type" transient="true" />
    <bytes name="checksum" size="2" />
    </msg>
496
500 - <msg id="129" name="UPDATE_MSG_CMD">
    <desc>PNUT data update packet</desc>
    <bytes name="packet number" size="2" />
    <bytes name="length" size="2" transient="true" />
    <bytes name="data" min_size="1" max_size="500" transient="true"
    max_print="0" />
502 </msg>
    <msg id="130" name="UPDATE_LAST_MSG_CMD">
    <desc>Last Pnut update packet</desc>
    <bytes name="packet number" size="2" transient="true" />
    <pad size="8" />
512 </msg>
    <msg id="132" name="UPDATE_CNX_CMD">
    <desc>Cancel Pnut update</desc>
    <pad size="24" />
    </msg>
    <msg id="136" name="UPDATE_COMP_CMD">
    <desc>PNUT update complete</desc>
    <bytes name="status" size="1" transient="true">
    <status success="0">
514 <desc val="0">Successful</desc>
    <desc val="1">Bad packet checksum</desc>
    <desc val="2">Flash write failure</desc>
    <desc val="3">Update cancelled</desc>
518 </status>
    </bytes>
    <pad size="16" />
    </msg>
    </formats>

```

FIG. 23

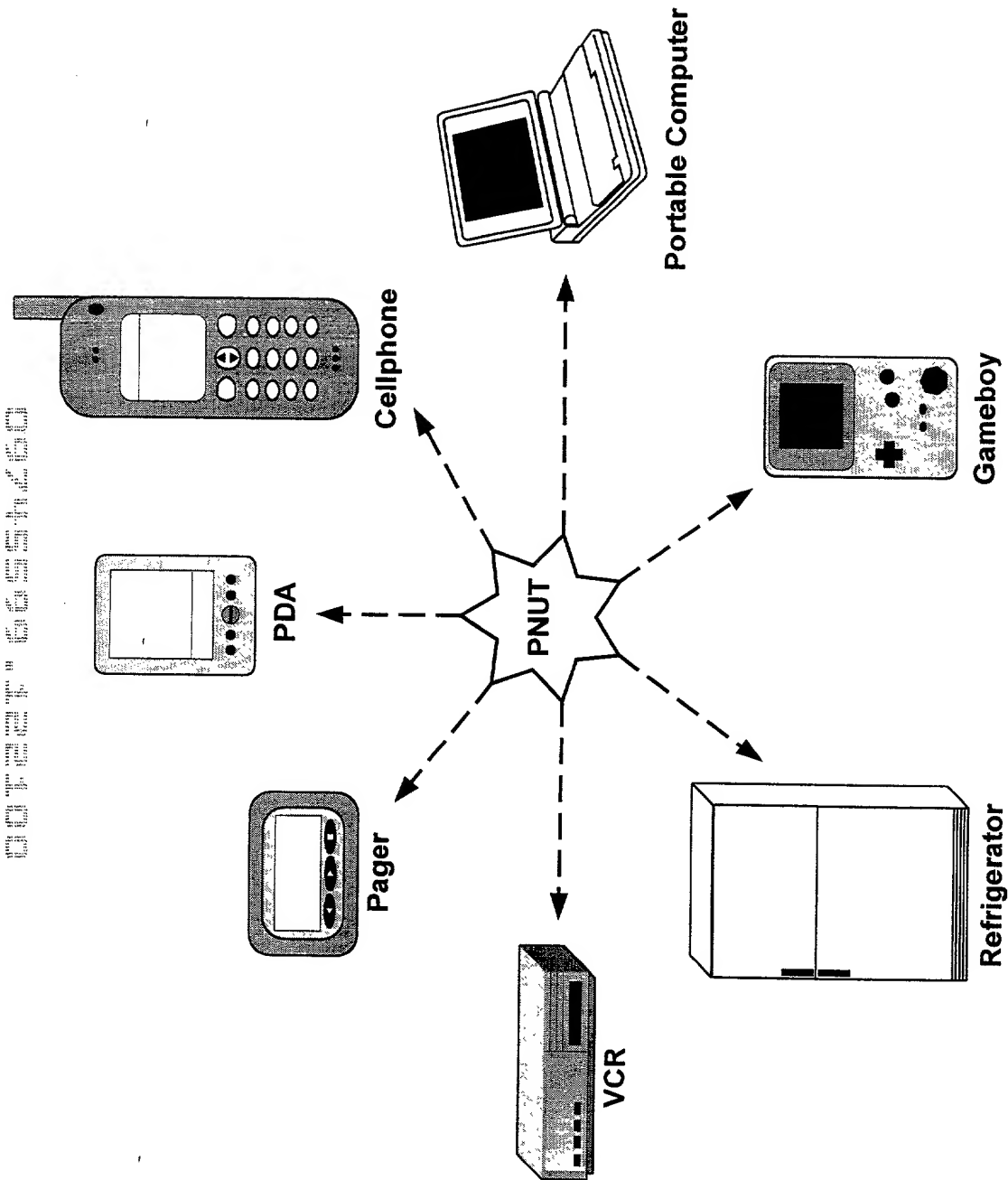


FIG. 24